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What is claimed is:

1. A biocompatible, supplemented tissue sealant composition comprising: (i) at least one antibody, and (ii) fibrinogen in an amount which is capable of forming a fibrin matrix in the presence of thrombin, Factor XIII and Ca^{++}.

2. The supplemented tissue sealant composition of claim 1, wherein said antibody is released long term.

3. The supplemented tissue sealant composition of claim 2, wherein said antibody interacts with said fibrin matrix.

4. The supplemented tissue sealant composition of claim 2, wherein antibody is of sufficiently low solubility to permit localized, sustained-release of antibody.

5. The supplemented tissue sealant composition of claim 2, wherein said antibody is in solid form.

6. The supplemented tissue sealant composition of claim 5, wherein said antibody is introduced into said matrix in solution in a carrier, said carrier having a higher rate of dissolution than said composition contained therein, so that the composition is deposited within the matrix as a solid precipitate.

7. The supplemented tissue sealant composition of claim 2, wherein the mass of antibody exceeds an amount which is soluble in the volume of the matrix, thereby permitting localized, sustained-release of antibody.

8. The supplemented tissue sealant composition of claim 7, wherein the antibody is introduced into said matrix as an emulsion.

9. The supplemented tissue sealant composition of ~~claims 1 or 2,~~ claim 1 wherein said antibody is selected from the group consisting of polyclonal antibodies, monoclonal antibodies, chimeric antibodies, recombinant antibodies, transgenic antibodies, functional derivatives and fragments thereof, including modified forms thereof.

a 10. The supplemented tissue sealant composition of ~~claims 1 or 2~~, claim 1 further comprising an effective amount of at least one additional supplement selected from the group consisting of analgesics, anticoagulants, anti-inflammatory compounds, antimicrobial compositions, antiproliferatives, cytotoxins, chemotherapeutic drugs, cytokines, growth factors, hormones, interferons, lipids, oligonucleotides, osteoinducers, polymers, polysaccharides, protease inhibitors, proteoglycans, polypeptides, steroids, vasoconstrictors, vasodilators, vitamins, minerals and stabilizers.

11. The supplemented tissue sealant composition of claim 10, wherein said polysaccharide supplement is selected from the group consisting of chitin, chitosan and derivatives thereof.

12. An antibody delivery system comprising a biocompatible, supplemented tissue sealant composition, said composition comprising: (i) at least one antibody, and (ii) fibrinogen in an amount which is capable of forming a fibrin matrix in the presence of thrombin, Factor XIII and Ca^{++}.

13. The delivery system of claim 12, wherein the supplemented tissue sealant composition is delivered to tissue of a patient, thereby permitting the localized release of said antibody to the tissue of the patient.

a 14. The delivery system of ~~claims 12 or 13,~~ claim 12 wherein said localized release of the antibody is sustained release.

15. The delivery system of claims 14, wherein the antibody is of sufficiently low solubility to permit localized, sustained-release of antibody.

16. The delivery system of claims 14, wherein the mass of antibody exceeds an amount which is soluble in the volume of the matrix, thereby permitting localized, sustained-release of antibody.

17. The delivery system of claim 16, wherein said antibody is introduced into said matrix as an emulsion.

18. The delivery system of claims 14, wherein said antibody interacts with said fibrin matrix, thereby permitting localized, sustained-release of said antibody.

19. The delivery system of claim 14, wherein said antibody is in solid form.

20. The delivery system of claim 19, wherein said antibody is introduced into said matrix in solution in a carrier, said carrier having a higher rate of dissolution than said composition contained therein, so that the composition is deposited within the matrix as a solid precipitate.